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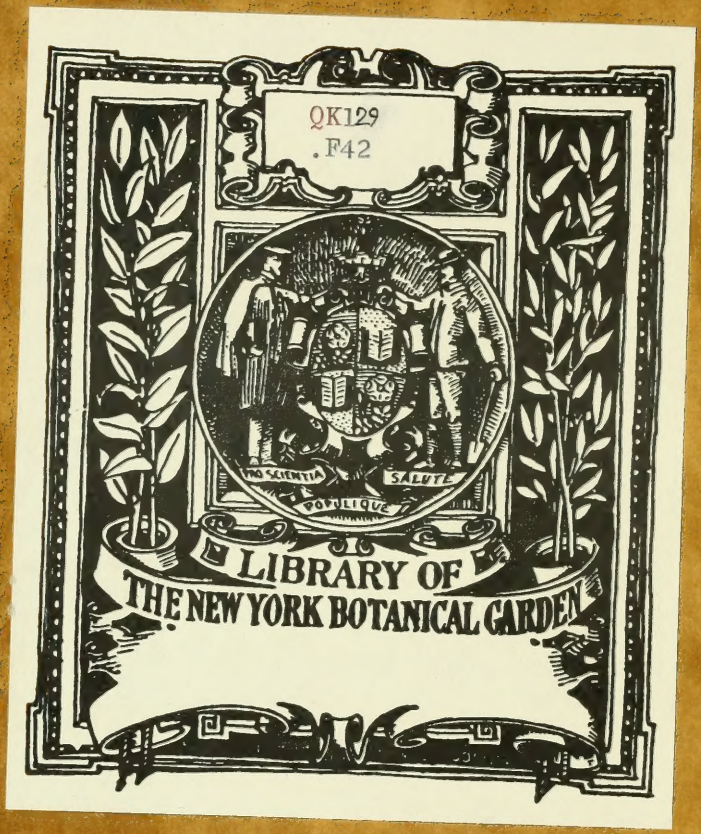
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Some Interesting Plants from Long Island, N. Y.

WILLIAM C. FERGUSON

Reprinted, without change of paging, from the TORREYA 22: 43–49. May–June 1922

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SOME INTERESTING PLANTS FROM LONG ISLAND, N. Y.

By William C. Ferguson

The following plants were collected by the writer mostly during solitary rambles, with the following exceptions.

Phaseolus polystachyus, while with Mr. Roy Latham, of Orient.

Epilobeum palustre and *Cassia marilandica* were collected by Mr. Norman Taylor of the Brooklyn Botanic Garden while with the writer.

Filix fragilis, and *Gentiana crinata* were collected by the late Thomas Lynton Briggs and Walter S. Allen, both of Flushing.

Both *Corallorrhizas* by Mr. Allen.

In determining the rarity of these plants the writer was guided by "Flora of the Vicinity of New York" by Mr. Norman Taylor, who kindly checked up a part of the list with discoveries made since his book was published.

Eupatorium Torreyanum is new to the area covered in "Flora of the Vicinity of New York."

Lycopodium carolinianum is new to New York state.

These plants marked A are new to Long Island, or have been reported but with no herbarium specimens.

Those plants marked B the writer has found only in the locality cited. In all other cases the plants have been found in other localities than those cited.

The collecting period—1918–19–20–21.

The naming has been very kindly verified or corrected by the following authorities.

Gramineae—Mrs. Agnes Chase

Cyperaceae—Dr. N. L. Britton, Mr. K. K. Mackenzie

Polygonaceae–Dr. John K. Small

Violaceae—Dr. Ezra Brainerd

Lentibulariaceae—Dr. John H. Barnhart

Bidens—Mr. Earl E. Sherff.

The other at the N. Y. Botanical Garden, by Dr. P. A. Rydberg, Dr. Francis P. Pennell, Mr. Percy Wilson.

POLYPODIACEAE

A.B. *Filix fragilis* (L.) Underw. Cold Spring Harbor

EQUISETACEAE

B. *Equisetum fluviatile* L. Sag Harbor

LYCOPODIACEAE

A.B. *Lycopodium carolinianum* L. Ronkonkoma

ZANNICHELLIACEAE

A.B. *Potamogeton natans* L. Yaphank.

ALISMACEAE

B. *Helianthium parvulum* (Engelm.) Small. Queens.

GRAMINAE

B. *Zizania aquatica* L. Flushing.

B. *Muhlenbergia tenuiflora* (Willd.) B. S. P. N. W. of Plattsdale.

A.B. *Brachyelytrum erectum* (Schieb.) Beauv. Plattsdale.

B. *Sporobolus uniflorus* Muhl. Central Islip.

B. *Triplasis purpurea* (Walt.) Chapm. Riverhead.

A.B. *Leptochloa fascicularis* (L.) A. Gray. Montauk.

B. *Aristida tuberculosa* Nutt. Ronkonkoma. Good Ground.

A.B. *Panicularia pallida*, var. *Fernaldii* Hitchc. Pine Stream. Near Rockville Center.

A. *Panicum longifolium* Torr. Meadowbrook.

Panicum villosissimumi Nash. Smithtown.

A.B. *Panicum pseudopubescens* Nash. Valley Stream. South of 3 Mile Harbor.

A.B. *Panicum commutatum* Schultes. Cypress Hills.

B. *Panicum auburne* Nash. Ronkonkoma. Shoreham. Wading River. Garden City. Hempstead Reservoir.

CYPERACEAE

B. *Carex polymorpha* Muhl Hempstead Reservoir.

A.B. *Carex squarrosa* L. Queens.

A.B. *Carex scoparia*, var *tessellata* Fernald. Montauk.

B. *Carex Collinsii*. Wyandanch.

B. *Carex lasiocarpa* Ehrh. Ronkonkoma.

B. *Carex rostrata* Stokes. Ronkonkoma.

B. *Carex scabrata* Schwein. Millneck. Co'd Spring Harbor.

B. *Carex oblita* Steud. Roosevelt.

A.B. *Carex aestiviliformis* Mackenzie. Roosevelt.
Carex atlantica Bailey. Merrick, Wyandanch.
A. *Carex styloflexa* Buckley. Millneck.
A. *Carex abscondita* Mackenzie. Cold Spring Harbor.
A.B. *Carex gracillima* Schwein. Kissena, Flushing.
A. *Carex straminea* Willd. Roosevelt.
Carex plano Mackenzie. Millneck.
Cyperus ferax L. L. Richard. Millneck.
B. *Eleocharis Engelmannii* Steud. Montauk. Cypress Hills.
B. *Eleocharis melanocarpa* Torr. E. of Middle Island.
B. *Eleocharis tricostata* Torr. E. of Middle Island.
B. *Fuirena squarrosa* Michx. Wading River.
B. *Rynchospora corniculata* (Lam.) Gray. Smithtown.
B. *Scirpus cyperinus-Andrewsii* Fernald. Millneck.
B. *Scirpus subterminalis* Torr. Yaphank, Ronkonkoma.

JUNCACEAE

B. *Juncus scirpoides* Lam. Rockville Center.

MELANTHACEAE

A.B. *Melanthium latifolium* Desr. N. of Plattsdale.

ORCHIDACEAE

B. *Gymnadeniopsis clavellata* (Michx.) Rydb. Wyandanch.

B. *Corallorrhiza maculata* Raf. N. of Deer Park. Success Lake.

B. *Corallorrhiza odontorhiza* Nutt. N. of Deer Park.

Limodorum tuberosum L. Meadowbrook.

Leaf 30 cm. x 3¼ cm. Flowers subtended by very conspicuous bracts of the following lengths starting with the lowest. 5 cm., 4¾ cm., 8½ cm., 9 cm., 6 cm., 5½ cm., 3 cm. Seven bracts in all and 1 to 3 m.m. wide. Raceme 15 c.m. long. Rev. Dr. H. M. Denslow kindly compared this plant with sixty-nine sheets in Herbarium of N. Y. Botanical Garden, localities extending from Newfoundland to Alabama. A few of the more southern plants had leaves approaching the above in size but none as large. *All* had the very small bracts characteristic of the species. Have seen but a single plant and the question is whether it is a new species or an abnormal form of *Limodorum tuberosum*.

SALICACEAE

Salix Bebbiana Sarg. Central Park.

B. *Salix lucida* Muhl. Central Park. Sag Harbor.

POLYGONACEAE

B.A. *Persicaria setacea* (Baldw.) Small Montauk. Plattsdale.

B. *Persicaria amphibia* (L.) S. F. Gray. Cypress Hills.

B. *Polygonum buxiforme* Small. Montauk.

B. *Rumex persicarioides* L. Montauk. Point O'Woods.

CHENOPODIACEAE

B. *Chenopodium rubrum* L. Montauk.

AMARANTHACEAE

B. *Amaranthus pumilus* Raf. Point O'Woods.

ALSINACEAE

B. *Arenaria caroliniana* Walt. Napeague.

PORTULACEAE

B. *Claytonia virginica* L. Millneck. N. W. of Plattsdale.

RANUNCULACEAE

B. *Aquilegia canadensis* L. Montauk.

CRUCIFERAE

B. *Arabis canadensis* L. Millneck.

DROSERACEAE

B. *Drosera filiformis* Raf. Wading River.

SAXIFRAGACEAE

B. *Micranthes virginiensis* (Michx.) Small. N. of Kew Gardens Northport.

B. *Micranthes pennsylvanica* (L.) Haw. Millneck.

ROSACEAE

Agrimonia rostellata Wallr. Southold.

AMYGDALACEAE

B. *Prunus pennsylvanica* L. f. King's Park.

A.B. *Prunus cuneata* Raf. Central Park. Medford. Hempstead Plains (Isle of Pines).

CAESALPINACEAE

B. *Cassia marilandica* L. S. W. of Roslyn.

FABACEAE

B. *Lathyrus palustris* L. Easthampton.

B. *Phaseolus polystachyus* (L.) B. S. P. Southold.

GERANIACEAE

B. *Robertiella Robertiana* (L.) Hanks. Point O'Woods.

POLYGALACEAE

B. *Polygala lutea* L. Central Islip.

CALLITRICHACEAE

B. *Callitriche palustris* L. Bayside.

ANACARDIACEAE

B. *Rhus hirta* (L) Sudw. Albertson. Montauk. Point O' Woods. Hempstead Reservoir.

BALSAMINACEAE

B. *Impatiens pallida* Nutt. Roslyn.

HYPERICACEAE

B. *Hypericum majus* (Gray) Britton. Montauk. Queens. Flushing.

CISTACEAE

B. *Lechea tenuifolia* Michx. Wading River. N. of Pinelawn.

VIOLACEAE

A.B. *Viola incognita* Brainerd. N. of Merrick.

A.B. *Viola incognita* var. *Forbesi* Brainerd. Cold Spring Harbor. Millneck.

LYTHRACEAE

B. *Rotala ramosior* (L.) Kuhn. Cypress Hills.

ONAGRACEAE

A.B. *Epilobium palustre* L. Central Islip.

AMMIACEAE

B. *Zizia cordata* (Walt.) D. C. N. of Kew Gardens.
B. *Zizia aurea* (L.) Koch. N. of Kew Gardens.

CORNACEAE

A.B. *Cornus rugosa* Lam. King's Park.

VACCINIACEAE

B. *Gaylussacia dumosa* (Andr.) T. & G. Central Islip.

GENTIANACEAE

B. *Dasystephana saponaria* L. Meadowbrook.
B. *Dasystephana Andrewsii* Griseb. Millneck.
B. *Gentiana crinata* Froel. N. W. of Brentwood.

MENYANTHACEAE

B. *Nymphoides lacunosum* (Vent.) Kuntze. Wyandanch.

SCROPHULARIACEAE

B. *Agalinis virgata* Raf. Ronkonkoma. Central Islip.

LENTIBULARIACEAE

B. *Stomoisa juncea* (Vahl.) Barnhart. Flanders.
A.B. *Setiscapella subulata* (L.) Barnhart. Ronkonkoma. Central Islip. Wading River.
Utricularia pumila Walt. Ronkonkoma.

RUBIACEAE

B. *Galium lanceolatum* Torr. N. W. of Plattsdale.

CAPRIFOLIACEAE

A.B. *Viburnum Lentago* L. Kissena, Flushing.

LOBELIACEAE

B. *Lobelia siphilitica* L. Bayside. Flushing.

CICHORIACEAE

B. *Hieracium canadense* Michx. King's Park.

COMPOSITAE

B. *Eupatorium rotundifolium* L. Hempstead Plains. Garden City.

A.B. *Eupatorium Torreyanum* Short. Hempstead Plains. Garden City.

B. *Gnaphalium Helleri* Britton. Ronkonkoma.

Bidens discordea (T. & G.) Britton. Montauk. Smithtown. Plattsdale.

B. *Bidens comosa* (Gray) Wiegand. Hempstead Plains. Garden City.

B. *Bidens trichosperma-tenuiloba* (Gray) Britton. Point O' Woods.

B. *Bidens* (*cernua* × *connata*). N. W. of Plattsdale.

B. *Coreopsis rosea* Nutt. Wading River. Bridgehampton.

B. *Aster nemoralis* Ait. S. of Flanders.

B. *Erigeron ramosus-discoidens* Robbins. Montauk.

B. *Solidago patula* Muhl. Millneck. Flushing. Bayside.

B. *Solidago Elliottii* T. & G. Central Islip. Easthampton. Hempstead Reservoir.

A.B. *Doellingeria humilis* (Willd.) Britton. Millneck.

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